

### ABSTRACT

5 A method and system for automated provisioning of hybrid fiber coax  
(HFC) network elements operable for communicating telephony, data, and video signals  
with customer-premises equipment of a subscriber includes a database and an online  
provisioning application link (OPAL). The database is operable for storing data indicative  
of the configuration of the network elements and the customer-premises equipment, and for  
storing data indicative of assigned capacity of the network elements. The OPAL is  
10 operable with the database for provisioning network elements with the customer-premises  
equipment of the subscriber based on the assigned capacity of the network elements in  
order to enable communication of telephony, data, and video signals between the HFC  
network and the customer-premises equipment of the subscriber.